Review of: "Peat Mass Change and Water Level Influence on Regenerated Melaleuca Forest After a Fire in U Minh Thuong National Park, Vietnam"

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Potential competing interests: No potential competing interests to declare.

88- The number of samples collected per plot, whether the location of the samples was random, and whether it varies across plots is not indicated. The shape of the plots is not mentioned, for example circular plots of 500m2, rectangular plots, or square plots.

113- For future studies, I suggest that a diameter tape be used. This would avoid applying this equation.

114- This is referred to as basal area or basimetric area.

121- This coefficient varies depending on the tree species. For example, it is not the same for conifers as it is for broad-leaved trees.

128- I suggest that more details be provided about the drill. For those of us from other countries where peat does not exist, we would like to know how this process is done.

130- The image indicates 20 points and not 15. I suggest that if a map is to be placed, its symbolism should be integrated. In addition, it is necessary that the graphic scale to which the map refers is correct.

148 - I do not know if the peat is already dry matter, otherwise it is necessary to apply a coefficient to obtain the dry matter and to apply the % of carbon afterwards.

205- Provide a brief description of the graph. It is recommended to use a very concise text for the graphs, and the symbolism in the image is not observable (map).

241-It is necessary to mention the graph. They are only placed and no reference is made to them. This observation is generally true for all tables, figures, and graphs.

419- It would be interesting to mention the existing tree species in the sampling plots, because in this way it is possible to enrich the study. Perhaps by knowing the species, we can understand the differences in each scenario. There may be species that adapt and develop better with certain thicknesses of peat.

428- There exists an error in the figure number. It goes from 10 to 13.

523- It is important to mention key recommendations from the authors.